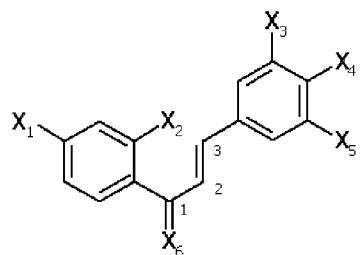


AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

Claims 1-37. (Canceled)

38. (Currently Amended) A pharmaceutical composition, comprising one or more,
~~in a pharmaceutically acceptable~~ excipients or vehicles and support, at least one
substituted 1,3-diphenylprop-2-en-1-one derivative represented by formula (I) below :



(I)

wherein :

X1 represents a halogen or a -R1 group or a group corresponding to the
following formula : -G1-R1,

X2 represents a hydrogen atom or a hydroxy group or an unsubstituted alkoxy
group or a thiol group or an alkylthio group,

X3 represents a -R3 group or a group corresponding to the following formula:
G3-R3,

X4 represents a halogen or a -R4 group or a group corresponding to the
following formula: -G4-R4,

X5 represents a -R5 group or a group corresponding to the following formula:
G5-R5,

X6 is an oxygen atom or a nitrogen atom, in the case where X6 is a nitrogen atom, it carries a hydrogen atom or a hydroxy group or an alkyloxy group,

R1, R3, [[R4,]]R5, which are the same or different, represent a hydrogen atom or an unsubstituted alkyl group having from one to seven carbon atoms substituted or not by a substituent which is part of group 1 or group 2 defined hereinbelow,

G1, [[G3,]]G4, [[G5,]] which are the same or different, represent an oxygen or sulfur atom,

with at least one of the groups X1, X3, X4 or X5 corresponding to the formula G-R in which G is a sulfur atom, and

with at least one of the groups R1, R3, R4 or R5 represents in the form of an alkyl group having from one to seven carbon atoms containing at least one substituent from group 1 or 2,

the substituents from group 1 are selected in the group consisting of carboxy groups having the formula: -COOR₆ and carbamoyl groups having the formula: CONR₆R₇,

the substituents from group 2 are selected in the group consisting of sulfonic acid (SO₃H) and sulfonamide groups having the formula: SO₂NR₆R₇,

with R₆ and R₇, which are the same or different, representing a hydrogen atom or an alkyl group having from one to seven carbon atoms possibly substituted by at least one group of type 1 or 2,

with the exception of compounds represented by formula (I) in which:

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~~X₂ represents a hydrogen atom and X₁ represents G1R1 where G1 represents an oxygen atom and R1 represents CH₂COOH, and~~

the optical and geometrical isomers, racemates, tautomers, salts and mixtures thereof.

Claim 39. (Cancelled)

Claim 40. (Cancelled)

Claims 41 and 42. (Cancelled)

43. (Currently Amended) The composition according to claim 38-~~or~~-39, wherein both G1 and G4 represent an oxygen-sulfur atom.

Claims 44-47. (Cancelled)

48. (Currently Amended) The composition according to claim 38-~~or~~-39, wherein X1 is a -G1-R1 group in which G1 is an oxygen atom and R1 is an unsubstituted alkyl group containing from two to seven carbon atoms.

49. (Currently Amended) The composition according to claim 38-~~or~~-39, wherein X1 represents a ~~R1 group or~~ a group corresponding to the formula -G1-R1, where G1 represents a sulphur atom and R1 is an unsubstituted alkyl group containing one or two carbon atoms substituted by a substituent which is part of group 2 and G1.

Claims 50-54. (Cancelled)

55. (Currently Amended) The composition according to claim 38-~~or~~-39, wherein X4 is a ~~G4-R4 group in which G4 is an oxygen atom, and X3 and[[or]] X5 respectively represent R3 or G3R3, on the one hand, and R5 or G5R5, on the other hand, with R3 and R5 being alkyl groups having one or two carbon atoms a substituent from group 1.~~

Claim 56. (Cancelled)

57. (Currently Amended) The composition according to claim 38-~~or~~ 39, wherein X1 represents a halogen.

Claim 58. (Cancelled)

59. (Currently Amended) The composition according to claim 38-~~or~~ 39, wherein X1, X3, X4 or X5 represents -OC(CH₃)₂COOR₆ OC(CH₃)₂COOR₆.

60. (Currently Amended) The composition according to claim 38-~~or~~ 39, wherein X1, X3, X4 represents -OC(CH₃)₂COOH or X5 represents SC(CH₃)₂COOR₆.

61. (Currently Amended) The composition according to claim 38-~~or~~ 39, wherein the derivative is selected in the group consisting of:

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-ditertbutyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-ethyloxycarbonyldimethylmethoxyphenyl]-3-[3,5-ditertbutyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-tertbutylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-isopropoxycarbonyldimethylmethoxy-4-hydroxy-5-tertbutylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-tertbutylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-isopropoxycarbonyldimethylmethoxy-4-hydroxy-5-tertbutylphenyl]prop-2-en-1-one,

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~~1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-tertbutylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3-isopropoxycarbonyldimethylmethyl-4-hydroxy-5-tertbutylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-tertbutylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3-isopropoxycarbonyldimethylmethyl-4-hydroxy-5-tertbutylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-isopropoxycarbonyl-dimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-isopropoxycarbonyl-dimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[3,5-dimethoxy-4-hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-isopropoxycarbonyldimethylmethyloxyphenyl]-3-[3,5-dimethoxy-4-hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,~~

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~~1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-~~

~~isopropoxy carbonyldimethylmethoxyphenyl]-prop-2-en-1-one,~~

~~1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-dimethyl-4-~~

~~hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-isopropoxy carbonyldimethylmethoxyphenyl]-3-[3,5-dimethyl-4-~~

~~hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-~~

~~carboxydimethylmethoxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-~~

~~isopropoxy carbonyldimethylmethoxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-~~

~~en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-isopropoxy carbonyl~~

~~dimethylmethoxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[4-carboxydimethylmethyli thiophenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[4-isopropoxy carbonyldimethylmethyli thiophenyl]prop-2-~~

~~en-1-one,~~

~~1-[2-hydroxy-4-ethoxycarbonyldimethylmethoxyphenyl]-3-[3,5-ditertbutyl-4-~~

~~hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[4-methylthiophenyl]prop-2-~~

~~en-1-one,~~

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1-[4-chlorophenyl]-3-[3,5-dimethyl-4-

tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-

isopropyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[4-carboxydimethylmethylothiophenyl]prop-2-en-1-one,
1-[4-chloro-2-hydroxyphenyl]-3-[4-carboxydimethylmethylothiophenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,
1-[4-carboxydimethylmethylothiophenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,
1-[2-hydroxy-4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethyloxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,
1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-isopropyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

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~~1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-~~

~~tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-~~
~~en-1-one,~~

~~1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-~~

~~tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-~~
~~en-1-one,~~

~~1-[2-methyloxy-4-chlorophenyl]-3-[3,5-dimethyl-4-~~

~~tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-methyloxy-4-chlorophenyl]-3-[3,5-dimethyl-4-~~

~~carboxydimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[4-heptylphenyl]-3-[3,5-dimethyl-4-~~

~~tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[4-heptylphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-~~
~~1-one,~~

~~1-[4-bromophenyl]-3-[3,5-dimethyl-4-~~

~~tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one, and~~

~~1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-~~
~~1-one.~~

62. (Currently Amended) The composition according to claim 38 or 39, wherein
the derivative is selected in the group consisting of:

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1-[4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one, and

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one.

63. (Cancelled)

64. (Cancelled)

65. (Currently Amended) The composition according to claim 38-~~or~~39, wherein said composition is aimed for the treatment of a pathology related to deregulations of lipid and/or glucose metabolism-.

66. (Canceled)

67. (Cancelled)

68. (Withdrawn – Currently Amended) A method of treatment of pathologies related to deregulations of lipid and/or glucose metabolism comprising administering to a subject a composition as defined in claim 38-~~or~~39.

69. (Withdrawn – Currently Amended) A method for the treatment of diabetes, atherosclerosis or obesity comprising administering to a subject a composition according to claim 38-~~or~~39.